



FlashBack

VISION SOLUTIONS LLC



Get Ahead By Looking Back

System Advantages

- No training classes required – anyone can use FlashBack
- System sets up anywhere in less than 5 minutes
- System Mobility – No bulky roll around cabinets
- Shutter Speeds from 1/60 of a second to 1/100,000
- Single Ethernet camera cable powers both LED Light & Camera
- Battery Pack – eliminates the need for 110 volt power
- Wireless Triggers – Stack Light, 24 Volt, Dry Contact
- Laptop based system can support up to 4 cameras
- Hard Disk Space Management
- Video Clip Editing
- Clips can be sent Globally via email in Slow Motion
- All clips are AVI Files
- Video can be exported to CD, DVD, and Thumb Drive
- Time Shift Recording
- Watch video forward or backward in Slow Motion
- Watch stored Video Clips while recording new ones
- Customized Software Available
- Fixed Multi-Camera Instalations Available



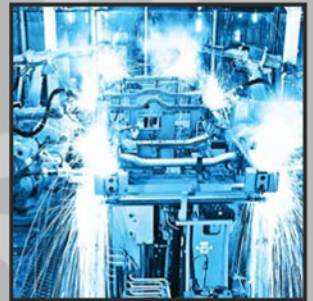
Standard DC Unit

FlashBack

FlashBack has provided rapid return on investment in a variety of industries. **FlashBack** allows maintenance, operators, engineering, six sigma black belts, production, and quality control to monitor line issues and “Bore To Root Cause”. Fix it the first time and become truly Sustainable.

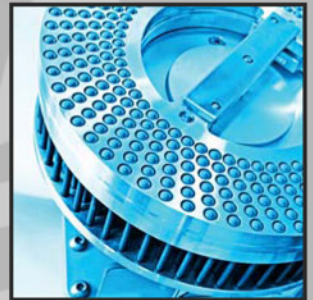
Automotive

Whether it's high-speed production of small parts or slow speed manufacture on the assembly line, **FlashBack** will record any stoppages. Often issues are combinations of complex movements or timing problems. **FlashBack** shows precisely what happened and when, allowing the precise corrective action to be taken.



Pharmaceutical

Characterized by stringent requirements and high cost per unit produced, pharmaceutical manufacturing has its own unique set of challenges. **FlashBack** helps you validate your operation and remove variations. **FlashBack**'s technology allows you to capture, replay, distribute, analyze and permanently eliminate the root cause of production problems.



Textiles

These industries utilize some of the fastest equipment in the world. **FlashBack** is the tool to use for removing the mystery of jams and training new personnel. **FlashBack** renders the intricate movements of this equipment as a series of slow motion images, illustrating what is happening and when. Timing problems and equipment wear along with many other factors can be quickly diagnosed.



Food & Beverage

Troubleshooting the in-feed of a filler, ensuring the proper setup of a seamer, determining why dents are forming or diagnosing a case packer that jams every two hours is nearly impossible when you are running 1,500+ units per minute. **FlashBack** removes these mysteries and more.



FlashBack System Options



Cameras - 30, 60, & 150 frames per second



Water Tight / Dust Tight Camera Enclosures



Battery Pack



Articulating Magic Arm Camera Clamp



LED Extension Cables with Light Clamp



A Variety of Lens Choices



Hard Shell Storage / Shipping Case



Laptop (can be upgraded to 500GB)



Triggers -
OPC Server, Stack Light, Dry Contact, 24 volt



50ft & 100ft Camera Cables



European Plugs



FlashBack Cart -
convenient operations / storage cart

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